

**NOTES | May 13, 2009**

**Technical Advisory Committee**

**Sonoma Valley Groundwater Management Program**

Action Items (from this meeting and ongoing)

<b>Name</b>	<b>Task</b>	<b>Status</b>	<b>Timeframe</b>
TAC members	Conduct focused outreach for new volunteers, especially in the Glen Ellen and Kenwood areas. Continue to spread message about purpose of well monitoring and use of collected data. Need to educate landowners regarding importance of process and protection of their information and data.	Underway	Ongoing
Tim / Marcus	Create follow-up letter to be sent to willing participants to notify them whether their well is suitable for inclusion and provide feedback to TAC volunteers	Underway	Update in June
Tim / Marcus	Create list of potential candidate volunteer wells	Underway	Update in June
Marcus	Research DWR/PRMD records for well logs for volunteer wells with no existing records	Underway	Update in June
SCWA	Request PRMD to give presentation to TAC and community on well construction requirements	Pending – need to determine which TAC meeting is best	July TAC
Marcus	Place add in newspaper for water conservation pilot program	Underway	July
Tim	Set up meeting of grant funding group	Underway	July
John G.	Brief SSCRC D on Annual Report	Underway	May-June
Clarence	Brief SV CAC on Annual Report	Underway	May-June
Lisa	Brief SEC on Annual Report	Underway	May-June
Marcus	Brief SVVGA on Annual Report	Underway	May-June
John R.	Two wells to finish monitoring	Underway	May
TAC	Data gaps to fill on monitoring	Underway	Summer
John G.	Follow up with James regarding possible project	Underway	Summer
TAC	Develop list of possible rainfall harvest projects	Underway	Summer
TAC	Further consider possible community site for pilot	Underway	Summer

**Meeting Participants**

- Wendy Atkins, City of Sonoma
- Al Bandur, SV BAP
- Susan Haydon, Southern Sonoma County RCD
- Krishna Kumar, VOMWD
- Lisa Micheli, Sonoma Ecology Center
- Ed Nelson, Sonoma Valley Well Owner, Well Monitor
- John Robb, Mission Highlands Mutual Water Company
- John Guardino, Southern Sonoma County RCD
- Alex Young, SEC
- Don Garner, Weeks Drilling

- James Cannard, private well owner
- Jim Walker, Napa Sonoma Vineyard Group

### **Staff**

- Marcus Trotta, Sonoma County Water Agency
- Tim Parker, Parker Groundwater

### **Annual Report Briefing Announcements**

- SCWA Board was briefed and feedback was very good
- SSCRCD will be briefed at the next SSCRCD Board meeting
- Clarence is going to provide a briefing at the Sonoma Valley Citizens Advisory Committee
- The SEC will be briefed at the next SEC Board meeting
- Scheduling in process to brief the SVVGA by Lisa Micheli and Marcus Trotta

### **Updates on Monitoring**

- Two sites have been challenging to coordinate with for Ed Nelson
- Two remaining areas need more monitoring location to fill data gaps:
  - North portion of Sonoma Valley south of Kenwood
  - South Portion of Sonoma Valley north of Boyle Hot Springs
- John Robb indicated he has two wells to collect data from
- A new well is going in on 5<sup>th</sup> Street West near Sonoma Creek just north of the Leveroni properties – this may represent an opportunity to collect lithologic data

### **Other Related Updates**

- Meeting on rainfall harvesting and managed aquifer recharge resource guide development – meeting is scheduled for May 21<sup>st</sup> at 2pm at SCWA to discuss draft approach for the resource guide and to get input from PRMD, County Health, RWQCB, and several cities
  - Resource guide is being prepared to address entire Sonoma County
  - Santa Rosa has rainfall harvesting guidelines which include site inspections – if plumbed into house you need a backflow device and annual inspection; otherwise not required.
  - Recently several agencies went to a case-by-case basis for determining inspection needs
- Discussed the need for a pilot project for rainfall capture and reuse
  - James Cannard suggested there may be an orchard with a possibly willing owner for a demonstration project – currently using groundwater pumping to move water 400 feet uphill to a storage tank – would like to try rainfall capture at bottom of hill and pump up – in Glenn Ellen area – would also like to reduce erosion
  - John Guardino will follow up with James Cannard, regarding possible funding options including bio-intensive
  - James will help put together a list of possible project, brief descriptions, locations,
- Discussed some thoughts on rainfall harvesting techniques – recharge wells, gravel trenches, contoured swales

- Drought Funding – may be possible that some drought funding might be available to fund some of these types of projects
- Atwood Ranch has many good rainfall harvesting features – John Guardino will discuss as a possible tour at May 21<sup>st</sup> meeting
- Need incentives for these projects to be successful on a large scale – perhaps tax incentives could be considered by cities and PRMD – maybe even legislation
- Armstrong Estates – not considered “a good site for recharge” – not clear where this comes from or why – SEC is going to take a closer look at
- Suggest that a community site might be a good place for a rainfall harvesting and recharge pilot project with community outreach

**SEC Recharge Mapping Project**

Alex Young of SEC provided an overview on the planned Sonoma Valley recharge mapping project. The recharge mapping project will involve populating a number of GIS layers with ground truthing in the field including:

- Soil type
- Geology
- New mapping of Quaternary geology
- Current land cover
- Current land use
- Concave/convex topography
- Will come up with relative recharge potential map
- Need to prioritize layers and weighting
- Anecdotal information on recharge observations will be a key element to incorporate
- Schedule is to hopefully start this summer and it will be approximately one year in duration

**Next TAC June 10<sup>th</sup>**

**Location: Valley of the Moon Water District, 19039 Bay Street, El Verano**